ABSTRACT

ELECTRICAL CONNECTOR SYSTEM FOR A VIDEO DISPLAY TUBE YOKE

An electrical connector system (32) is provided for a video display tube yoke (16). The system includes a header (18) mounted on the yoke and including a header body (20) and a plurality of stiff terminal pins (22a, 22b) projecting from the body and terminated to appropriate leads (71) from the yoke. A connector (32, 72) mates with the header (18) and includes a dielectric housing (34, 82) having a plurality of terminal-receiving cavities (42, 84) and a plurality of pin-receiving passages (48, 86) communicating with the cavities. A plurality of terminals (60, 74) are received in the cavities. Each terminal includes a terminal portion (62, 76) adapted to be terminated to a wire conductor (36), and a trap portion (68, 80) aligned with one of the terminal-receiving passages. The trap portion is adapted to receive and trap one of the stiff terminal pins of the header. Latches (50) are provided between the header and the connector to hold the connector in mated condition with the header.